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FORM**

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	TBA	
	Filing Date	October 24, 2003	
	First Named Inventor	ANDREACO, et al.	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	53	Attorney Docket Number	25178.01

ENCLOSURES (check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Raymond E. Stephens
Signature	<i>Raymond E. Stephens</i>
Date	12/9/2003

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of

2

Application Number

10/693,116

Filing Date

10/24/2003

First Named Inventor

Andreaco, et al.

Group Art Unit

Examiner Name

Attorney Docket Number

25178.01

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		S.R. CHERRY et al., "MicroPET: A High Resolution PET Scanner for Imaging Small Animals," IEEE Transactions on Nuclear Science, Vol. 44, No. 3, 1161-1166, June 1997.	
		C. L. MELCHER et al., "Cerium-doped Lutetium Oxyorthosilicate: A Fast, Efficient New Scintillator," IEEE Transactions on Nuclear Science, Vol. 39, No. 4, 502-505, 1992.	
		J.S. Huber et al., "Characterization of a 64 Channel PET Detector Using Photodiodes for Crystal Identification," IEEE Transactions on Nuclear Science NS-44, 1197-1201, 1997.	
		M. Pedrali-Noy et al., "PETRIC - A Positron Emission Tomography Readout Integrated Circuit," IEEE Transactions on Nuclear Science, Vol. 48, No. 3, 479-484, June 2001.	
		W. W. Moses et al., "The Electronics System for the LBNL Positron Emission Mammography (PEM) Camera," IEEE Transactions on Nuclear Science, Vol. 48, No. 3, 632-636, June 2001.	
		W. W. Moses et al., "PET Camera Designs for Imaging Breast Cancer and Axillary Nodeinvolvement," J. Nucl. Med., Vol. 36, 69P, 1995.	
		K. KURASHIGE et al., "Surface Polishing of GSO Scintillator Using Chemical Process," IEEE Transactions on Nuclear Science, Vol. 45, No. 3 522-524, 1998.	
		J. S. HUBER et al., "Geometry and Surface Treatment dependence of the Light Collection from LSO Crystals," Nuclear Instruments and Methods in Physics Research A 437, 374-380, 1999.	
		W. W. Moses et al., "A "Winner-Take-All" IC for Determining the Crystal of Interaction in PET Detectors," IEEE Transactions on Nuclear Science, Vol. 43, No. 3, 1615-1618, June 1996.	
		R. Slates et al., "Chemical Polishing of LSO Crystals to Increase Light Output," Crump Institute for Biological Imaging, UCLA School of Medicine, Los Angeles, CA.	
		A. Chatziioannou et al., "Evaluation of Optical Fiber Bundles for Coupling a Small LSO Crystal Array to a Multi-Channel PMT," Crump Institute for Biological Imaging, UCLA School of Medicine, Los Angeles, CA.	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet

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